

UNIVERSITY OF EDUCATION, WINNEBA
FACULTY OF TECHNOLOGY EDUCATION
DEPARTMENT OF VOCATIONAL/TECHNICAL EDUCATION

COURSE TITLE : GARMENT TECHNOLOGY
COURSE CODE : FAT 414
CREDIT : 2
LECTURER : MR. STEPHEN ADAMTEY

COURSE OUTLINE

OBJECTIVE

- ❖ To encourage aesthetic awareness in Garment Technology
- ❖ To develop the students knowledge and understanding of pattern relative to material relevance to the human anatomy.
- ❖ To give the students the understanding of the variable constraints relative to material quality standard garments using various materials and the technology available.

REFERENCE

1. Gerry Cooklin (1977) Garment Technology for Fashion Designers. Blackwell Science Ltd.
2. Aldrich Winfred, (1993) Metric Pattern Cutting. Blackwell Science Ltd.
3. Patrick John Ireland (1992) Introduction to Fashion Design. B. Batsford Ltd.
4. Harold Carr and B. Latham (1994) The Technology of Clothing Manufacture
5. Pameror and Carr 1992 Product Development and Fashion Design

ASSESSMENT

The assessment of the unit will be via the integrated assignment programme and end of semester examination.

TEACHING METHOD

Topics will introduce during lectures. Directed reading will be used to assess the students in researching topics for discussion.

COURSE OUTLINE

WEEK	TOPIC	CONTENT	ASSIGNMENT	REMARKS
2	Introduction to Garment Technology	Background of ✓ Garment Technology ✓ Sewing machine-stitches and seam types ✓ Spreading ✓ Cutting ✓ Sewing ✓ Pressing	Students to list very important equipment in the various departments in the clothing industry	
3	Design Process	Research Designing/Styling Market screening (Decision making) Prototype (Range Meeting (Costing) Decision making) Manufacture ✓ Pattern preparation ✓ Cutting, lay planning ✓ Sewing finishes	Students to make six designs for children of which they will select one for production in FAT 413	
4	Design elements principles Figure types	Colour, lines, texture, shapes, balance harmony Male figure types Female figure types		
5	Material for sewing	Fibres, Yarns and Fabrics		
6	Material for sewing	Fabric Requirement for garment construction		
7	Garment Trimmings	Sewing Threads	Students to collect samples of sewing threads and use on different fabrics	
8	Garment Trimmings	Lining/interlining Facing/ interfacing		
9	Garment Trimmings	Fibre types and properties functions and consumer appeal, selection of fusables	Students to collect sample of fusables and use on different fabrics and write the result.	
10/11	Garment Secondary Trimmings	Closures Decorative Complements	Students to make an album of trimmings. Decorative and complements.	
12	The sewing room	Health and safety requirement in the sewing industry		
13	Quality requirement	Standard requirement for clothing production		
14	REVISION			
15	ASSESSMENT			